Espacenet

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LIVING BODY ELECTRIC IMPEDANCE MEASURING INSTRUMENT

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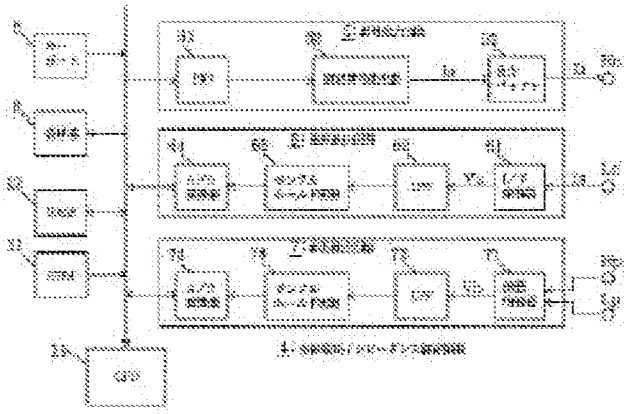
Abstract of JP 9220209 (A)

PROBLEM TO BE SOLVED: To perform automatic continuous measurement and top reduce the burdens of an operator. SOLUTION: This device 4 to be presented is provided with a signal output circuit 5 to flow the probe current Ia of multiple frequencies top the body B of a testee as measurement signals, a current detection circuit 6 for detecting the probe current Ia flowing through the body B of the testee, a voltage detection circuit 7 for detecting a voltage Vb between the hands and feet of the testee, a keyboard 8, a display device 9, a CPU 10 for obtaining the respective amounts of the intracellular fluid and extracellular fluid of the body of the testee based on detected results Ia and Vb and four surface electrodes Hp, Hc, Lp and Lc stuck to the hands and feed of the testee. By using the keyboard 8, total measurement time T and a measurement interval (t), etc , are a arbitrarily set. At the display device 9, the respective amounts of the intracelluiar fluid and the extracellular fluid calculated by the CPU10 are displayed on a trend graph screen during the total measurement time.



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